

Day of Femtoscopy (A femtoszkópia napja)

Tuesday 30 Oct 2018, 09:00 → 21:00 Europe/Budapest

A (main) building , K floor, K-2.201 seminar room (EKU KRC)

Mate Csanad (Eotvos University, Budapest) , Tamás Csörgő (Wigner RCP and EKU KRC)

Description 4th Day of Femtoscopy - dedicated to open issues in Femtoscopy

Located at the Eszterházy Károly University,
Gyöngyös Károly Róbert Campus,
Mátrai út 36, H-3200 Gyöngyös, Hungary.

Date: October 30, Tuesday, 2018

Organized by:

T. Csörgő (Wigner RCP and EKE KRC), M. Csanád (Eötvös University) and T. Novák (EKE KRC) for the Femtoscopy Knowledge Center, Eszterházy Károly University.

Registration fee: 27000 HUF, which includes Hungarian VAT, covers the organization costs, the coffee breaks and meals as well as the support for students. This fee may be waived for invited speakers and students, upon a request to one of the Organizers. In case of doubt, please do not hesitate to clarify this point by contacting one of the Organizers.

Partially supported by: NKTIH FK 123842 and FK 123 959 grants (Hungary), by the Circles of Knowledge Club (Hungary) and by the Hungarian-Ukrainian MTA-UTA exchange programmes NKM-86/2016 and NKM-92/2017.

One of the invited talks was partially supported by the Hungarian project EFOP 3.6.1-16-2016-00001 ("Kutatási kapacitások és szolgáltatások komplex fejlesztése az Eszterházy Károly Egyetemen").



FEMTOSZKÓPIA-N...

Videoconference
Rooms



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Participants

Andras Ster Barnabas Porfy Bartosz Piotr Malecki Bálint Boldizsár Bálint Kurgys Dubravko Klabučar
Dániel Kincses Ferenc Siklér Frigyes Janos Nemes Gábor Kasza István Szanyi István Zsigmond Marton Nagy
Mate Csanad Péter Maller Roland Pintér Sándor Lőkös Tamas Novak Tamás Csörgő Wesley Metzger
Ze Fang Jiang

09:00 → 10:50 **Welcome and Opening: PHENIX related ongoing femtoscopic studies**

A (main) building , K floor, K-2....

English language section

09:00

Welcome by the Vice-Rector of the Eszterházy Károly University ⌚ 5m

Welcome by Dr. Habil. Z. Bujdosó, the vice-rector of Eszterházy Károly University (EKU KRC) and director of Károly Róbert Campus in Gyöngyös.

Speaker: Dr Zoltán Bujdosó (EKE KRC)

09:05

Status of NKTIH FK 123842 after the first year and HBT plans for the second year. ⌚ 15m

Speaker: Dr Máté Csanád (ELTE, Budapest, Hungary)



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09:40

Status of the excitation function of the Levy fit parameters in Au+Au collisions in PHENIX ⌚ 20m

Status of the analysis and proceedings contributions to WPCF 2017 ++

Speaker: Mr Dániel Kincses (Eötvös Loránd University Budapest)

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kincsesd_femtosco...

10:00 **Status of the centrality dependent of Levy fits of Bose-Einstein correlations at 200 GeV Au+Au collisions in PHENIX** ⌚ 20m

Update, status of proceedings contributions to WPCF 2017 and BLG 2017

Speaker: Mr Sándor Lökös (EKE KRC, Gyöngyös, Hungary)

10:20 **Status of the 3d Levy analysis in $\sqrt{s(NN)} = 200$ GeV Au+Au collisions in PHENIX** ⌚ 15m

Speaker: Mr Bálint Kurgyis

 kurgyis_day_of_fem...

10:35 **Status of PHENIX results on Three-particle Bose-Einstein correlations in 200 GeV Au+Au collisions at RHIC** ⌚ 15m

Speakers: Mr János Báskay (ELTE), Mate Csanad (Eotvos University, Budapest)

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10:50 → 11:20 **Coffee Break** ⌚ 30m

📍 Restaurant

11:20 → 13:00 **Theoretical results on UA(1) symmetry restoration and hydrodynamics**

📍 A (main) building , K floor, K-2....

11:20 **When, and how much, is UA(1) restored ?** ⌚ 20m

(skype talk) Topics: Recent results on the mass of the eta' meson at finite temperature

Speaker: Prof. Dubravko Klabucar (University of Zagreb)

 2018-10-30-Klabuca...

11:40 **Lifetime estimation from PHENIX Au+Au data - from fits of the CKCJ solutions** ⌚ 20m

Speaker: Mr Gábor Kasza (Eszterházy Károly University, EKE KRC)

 2018-10-30-4thFem...

12:00 **Polarized baryon production in exact hydrodynamical solutions** ⌚ 20m

Speaker: Mr Bálint Boldizsár (ELTE)

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12:20 **Hubble-type solutions of hydrodynamics with bulk viscosity** ⌚ 20m

Speaker: Dr Marci Nagy (ELTE)

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12:40 **A new class of viscous relativistic hydro solutions with applications to pp and heavy ion data** ⌚ 20m

Speaker: Mr Zefang Jiang (CCNU Wuhan China)

 2018-10-30-Zefang-...

13:00 → 14:00 **Lunch break** ⌚ 1h

📍 Restaurant

14:00 → 15:05 **Elastic scattering,diffraction and femtoscopy: TOTEM, CT-PPS and diffraction at CERN LHC**

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14:00 **Overview of results from TOTEM on total cross-section and elastic scattering** ⌚ 20m

Speaker: Prof. Tamás Csörgő (Wigner RCP Budapest and EKE KRC Gyöngyös)

 2018-09-05-Csorgo-...

 2018-09-05-Csorgo-...

14:20 **Recent results from 2.76 and 13 TeV p+p collisions from TOTEM at CERN LHC by TOTEM** ⌚ 15m

(skype talk from CERN)

Speaker: Dr Frigyes Janos Nemes (CERN (also at Wigner RCP Budapest, Hungary))

 EKE_2018_Frigyes_...

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Direct signal of the Odderon and substructures of proton in TOTEM data ⌚ 15m